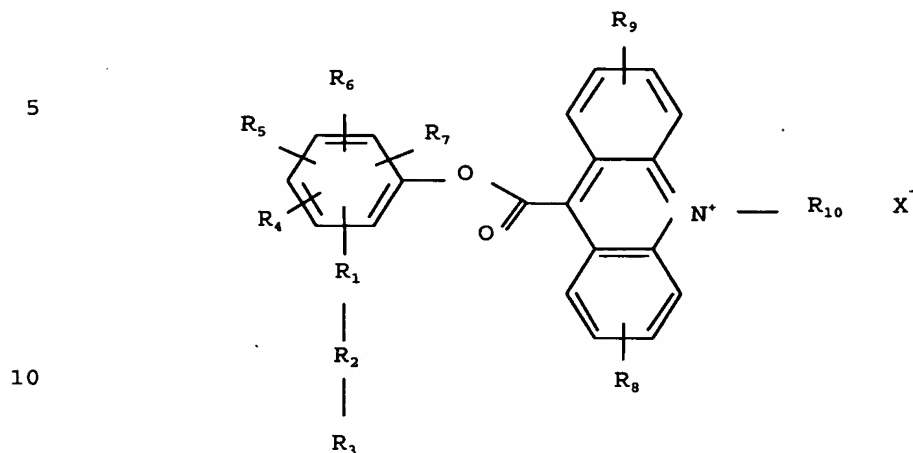


What is claimed is:

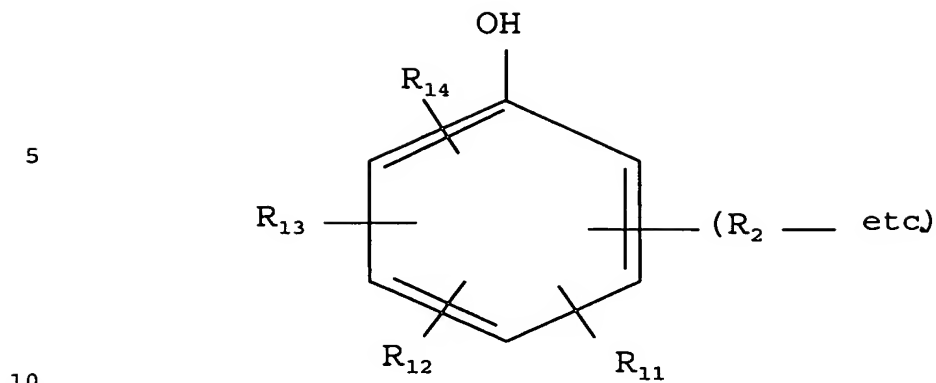
1. A compound having the general formula A:



15 R_1 and R_2 are independently selected from the group
consisting of a
bond,
C1-C10 hydrocarbon,
substituted alkyl,
unsubstituted alkyl,
20 aryl,
peptide,
 $(CH_2)_m SO_2$
 $NH(CH_2)_m$,
 $(CH_2)_m$,

25

R3 is OH or



R4, R5, R6, R7, R8, R9, R10, R11, R12, R13 and R14 are independently selected from the group consisting of a H,
15 hydroxide
methyl,
(CH₂)_mSO₃ ,
halide,
nitro,
20 -CN,
-SO₃,
C1-C10 hydrocarbon,
alkoxy,
-NHC=O(C1-C10 hydrocarbon) ,
25 -C=O(C1-C10 hydrocarbon) ,
C=ONH(C1-10 hydrocarbon) ,
aryl, and
cyclic ring structure;

30 m and n are independently 0 to about 10;

X is a counter ion including CH₃SO₄⁻, OSO₂F⁻, Cl⁻, Br⁻, OSO₂CH₃⁻ and OSO₂C₄H₉⁻.

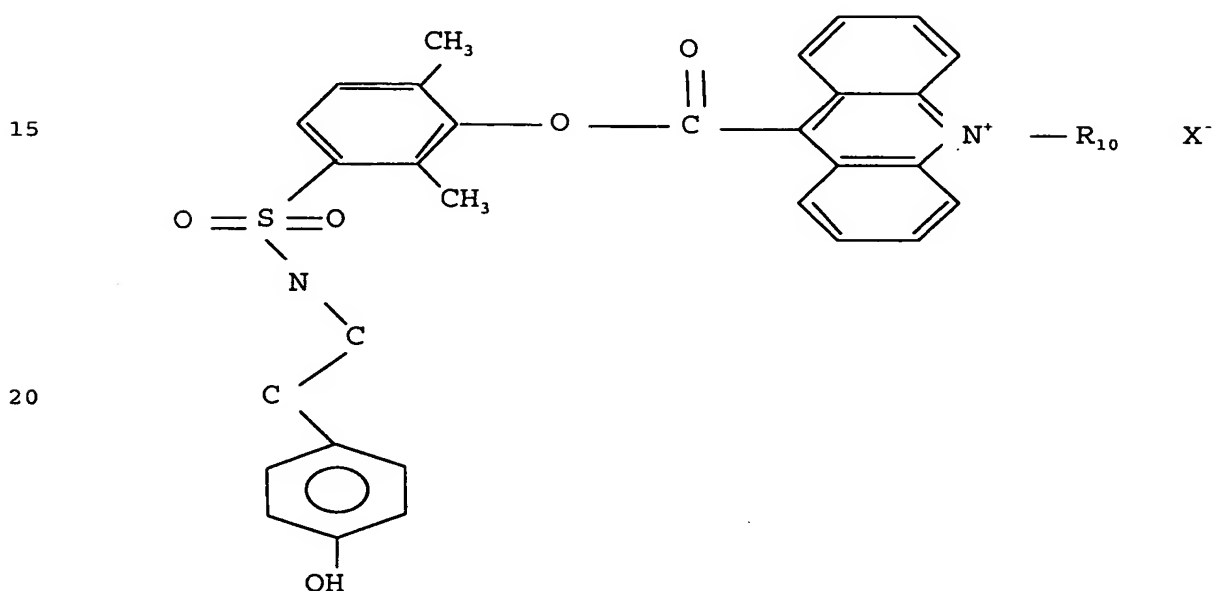
35 2. A compound of claim 1 being used in an assay to detect an analyte.

3. A compound of claim 1 being able to bind to an analyte.

4. A compound of claim 3 wherein the analyte is immobilized.

5. A compound of claim 1 having a shelf life over one year.

6. A compound having the general formula B:



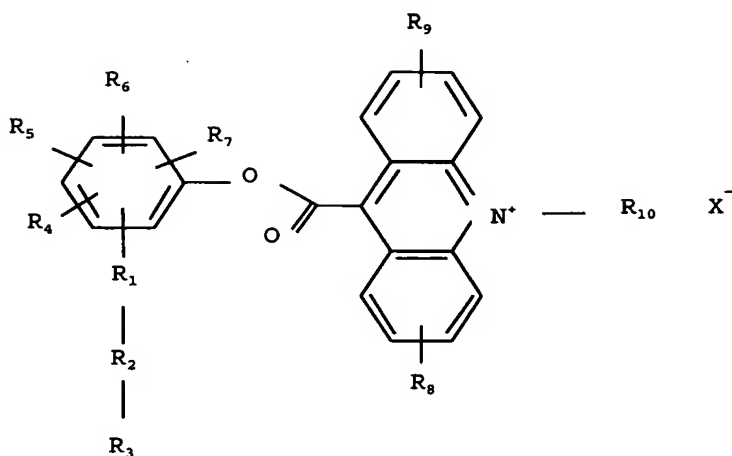
wherein R_{10} is methyl or $(\text{CH}_2)_m\text{SO}_3$, $M=3$.

7. A method for detecting an analyte, the method comprises the steps of:

binding a compound to the analyte, and
detecting the compound,
the compound has general formula A:

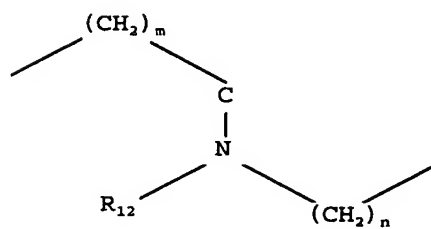
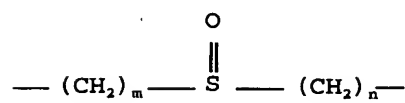
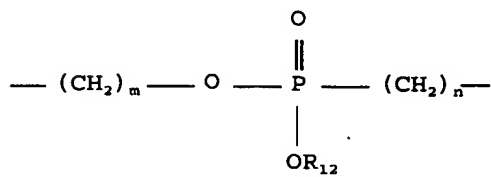
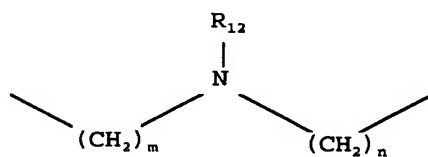
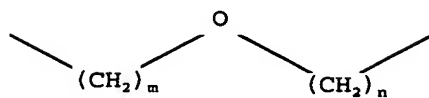
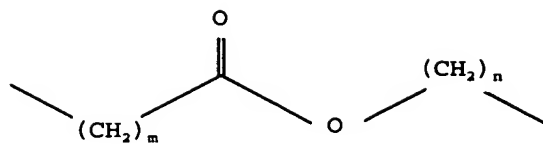
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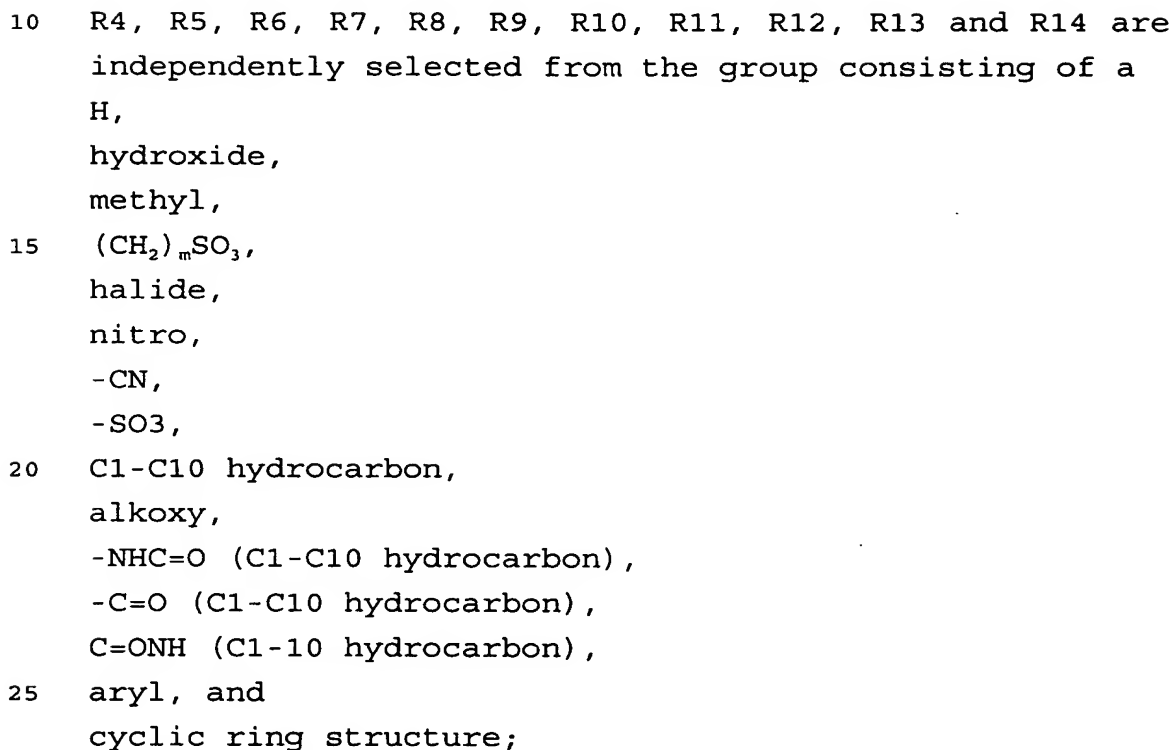


R₁ and R₂ are independently selected from the group
 15 consisting of a
 bond,
 C₁-C₁₀ hydrocarbon,
 substituted alkyl,
 unsubstituted alkyl,
 20 aryl,
 peptide,
 (CH₂)_mSO₂
 NH(CH₂)_m,
 (CH₂)_m,

25

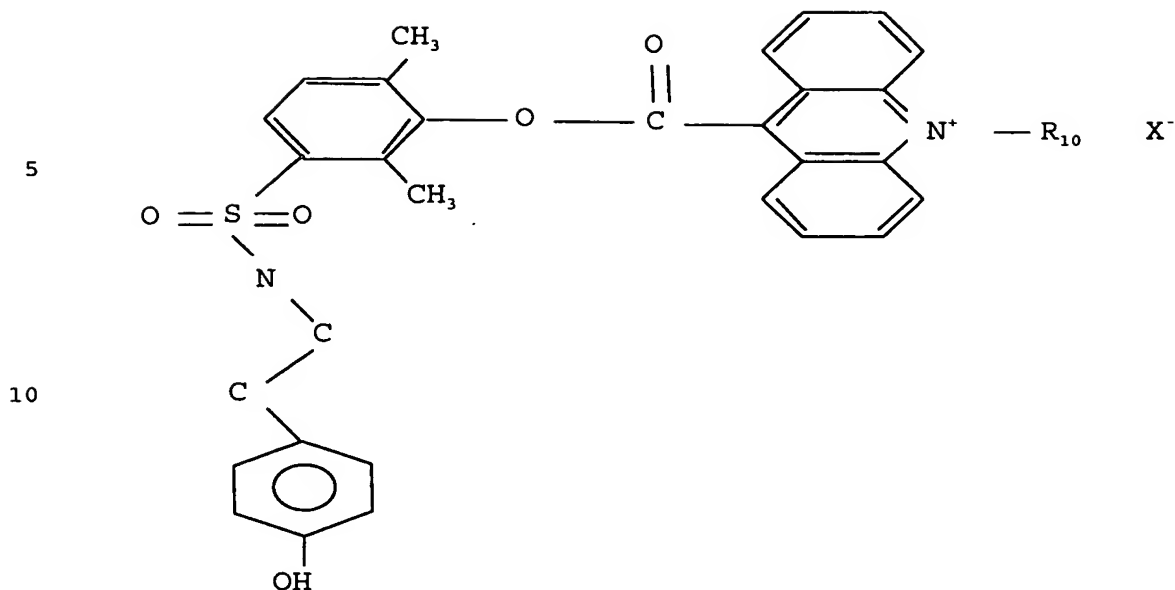


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30 X is a counter ion including CH_3SO_4^- , OSO_2F^- , Cl^- , Br^- ,
 $\text{OSO}_2\text{CH}_3^-$ and $\text{OSO}_2\text{C}_4\text{H}_9^-$.

35



wherein R_{10} is methyl or $(CH_2)_mSO_3$, $M=3$.

9. A method of claim 7 wherein the analyte is immobilized.
- 20 10. A method of claim 7 wherein the step of binding is performed under basic conditions.
11. A method of claim 7 wherein the step of binding
- 25 is performed at a pH of about 7 to about 8.5.
12. A method of claim 7 wherein the step of binding includes the step of reacting the compound with an enzyme.
- 30 13. A method of claim 7 wherein the step of detecting the compound includes detecting a signal caused by the compound.
- 35 14. A method of claim 7 wherein the step of detecting the compound includes detecting a chemiluminescent signal caused by the compound.